

H.R. 1735, Mathematical and Statistical Modeling Education Act

As ordered reported by the House Committee on Science, Space, and Technology on March 29, 2023

By Fiscal Year, Millions of Dollars	2023	2023-2028	2023-2033
Direct Spending (Outlays)	0	0	0
Revenues	0	0	0
Increase or Decrease (-) in the Deficit	0	0	0
Spending Subject to Appropriation (Outlays)	0	38	51
Increases <i>net direct spending</i> in any of the four consecutive 10-year periods beginning in 2034?	No	Statutory pay-as-you-go procedures apply? No	
Increases <i>on-budget deficits</i> in any of the four consecutive 10-year periods beginning in 2034?	No	Mandate Effects	
		Contains intergovernmental mandate?	No
		Contains private-sector mandate?	No

H.R. 1735 would authorize the appropriation of \$10 million annually over the 2024-2028 period for the National Science Foundation (NSF) to award grants to nonprofit organizations and institutions of higher education to develop approaches for teaching mathematical modeling, and to report to the Congress on those grants. The bill would also authorize the appropriation of \$1 million in 2024 for the NSF to enter into an agreement with the National Academies of Science, Engineering, and Medicine to study factors enhancing or impeding mathematical modeling education.

For this estimate, CBO assumes that the legislation will be enacted late in fiscal year 2023 and that the authorized amounts will be appropriated each year. Based on historical spending patterns for similar programs, CBO estimates that implementing H.R. 1735 would cost \$38 million over the 2024-2028 period and \$13 million after 2028.

The costs of the legislation, detailed in Table 1, fall within budget function 250 (general science, space, and technology).

See also

[CBO's Cost Estimates Explained](#), [CBO Describes Its Cost-Estimating Process](#), [Glossary](#)



Table 1.
Estimated Increases in Spending Subject to Appropriation Under H.R. 1735

	By Fiscal Year, Millions of Dollars						2023-2028
	2023	2024	2025	2026	2027	2028	
Authorization	0	11	10	10	10	10	51
Estimated Outlays	0	3	6	9	10	10	38

The CBO staff contact for this estimate is Willow Latham-Proença. The estimate was reviewed by H. Samuel Papenfuss, Deputy Director of Budget Analysis.

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